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Investigation of nanometallokeramic composite coatings obtained by vibro-arc surfacing

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Abstract

© Published under licence by IOP Publishing Ltd. The paper presents a description of the method of hardening the working bodies of agricultural machines, working in conditions of abrasive wear. The method includes vibro-arc surfacing of nanometallokeramic composite powder materials with simultaneous thermal diffusion hardening. The optimal composition and concentration of components of the material, ensuring the best physical and mechanical properties and resources of the hardened working bodies tillage machines.

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